

# Timber Sale Handbook

## State/Cty PRODUCT CONVERSION FACTORS

The following forest product conversion factors should be used whenever converting forest product information from one unit of measure to another. An example would be the calculation of cord equivalent on timber sale reports. Many variables affect volume relationships. Equivalents shown in this table are averages covering a wide range of product sizes.

<u>Product</u>	<u>Units</u>	<u>Cords</u> <u>(Rough)</u>	<u>Equivalents</u> <u>Board Feet 1/</u> <u>(Scribner Decimal C Log Rule)</u>
<u>Sawtimber - Scribner</u>	1,000 BF		1,000
Softwoods		2.44	
Hardwoods		2.20	
<u>Sawtimber - Int. 1/4"</u>	1,000 BF		880
Softwoods		2.00	
Hardwoods		1.90	
<u>Cordwood - Rough</u>	1 cord		
Softwoods		1.00	410
Hardwoods		1.00	450
<u>Cordwood - Hand Peeled</u>	1 cord		
Softwoods		1.125	460
Hardwoods		1.125	510
<u>Cordwood - Machine Peeled</u>			
<u>Ring Type or Flail Type</u>	1 cord		
Softwoods		1.16	480
Hardwoods		1.16	520
<u>Stroke delimber or Processor</u>	1 cord		
Softwoods		1.125	460
Hardwoods		1.125	510
<u>Tie Cuts</u>	1 piece		
Cross Tie		.08	40
Switch Tie		.11	50
<u>Christmas Trees</u>	1 piece	.005	2

1/ Board Feet - Scribner Decimal C Log Rule. Average Girard form class is 78 to 79.

### Firewood

Scaling of processed firewood in a vehicle (i.e., truck box, etc.) is accomplished by measuring the vehicle length x width x height ÷ 128 cubic feet = \_\_\_\_\_ standard cords.